

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	4630-61733
Application Number	10/044,671
Filing Date	January 10, 2002
First Named Inventor	Mealey
Art Unit	1634
Examiner Name	Sally A. Sakelaris

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
40		Jun <i>et al.</i> , "Insertion of a retroviral solo long terminal repeat in <i>mdr-3</i> locus disrupts mRNA splicing in mice," <i>Mammal. Gen.</i> 11(10):843-848, October 2000
		Mealey <i>et al.</i> , "Frequency of the mutant MDR1 allele associated with ivermectin sensitivity in a sample population of Collies from the northwestern United States," <i>Am. J. Vet. Res.</i> 63(4):479-481, April 2002
		Mealey <i>et al.</i> , "Ivermectin sensitivity in collies is associated with a deletion mutation of the <i>mdr1</i> gene," <i>Pharmacogen.</i> 11(8):727-733, November 2001
		Pippert <i>et al.</i> , "The subpopulation of CF-1 mice deficient in P-glycoprotein contains a murine retroviral insertion in the <i>mdr1a</i> gene," <i>J. Biochem. Mol. Toxicol.</i> 15(2):83-89, 2001
		Ruetz <i>et al.</i> , "Functional expression of P-glycoprotein encoded by the mouse <i>mdr3</i> gene in yeast cells," <i>Proc. Natl. Acad. Sci. USA</i> 90(24):11588-11592, 1993
		Schinkel <i>et al.</i> , "Disruption of the mouse <i>mdr1a</i> P-glycoprotein gene leads to a deficiency in the blood-brain barrier and to increased sensitivity to drugs," <i>Cell</i> 77(4):491-502, 1994
44		Schinkel <i>et al.</i> , "N-glycosylation and deletion mutants of the human MDR1 P-glycoprotein," <i>J. Biol. Chem.</i> 268(10):7474-7481, 1993

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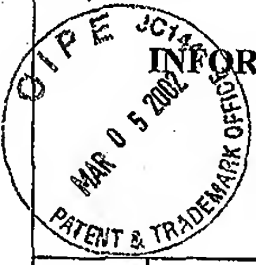
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				Applicant: Mealey and Bentjen			
				Filed: January 10, 2002		Art Unit: Not yet assigned	
U.S. PATENT DOCUMENTS							
Init.*		Number	Date	Name	Class	Sub	Filed
54		5,583,008	Dec 10, 1996	Johnson <i>et al</i>			
FOREIGN PATENT DOCUMENTS							
Init.*		Number	Date	Country	Class	Sub	
54		WO 94/26115	Nov 24, 1994	WIPO (PCT)			
		WO 98/13072	Apr 2, 1998	WIPO (PCT)			
		WO 98/14615	Apr 9, 1998	WIPO (PCT)			
		WO 00/46347	Aug 10, 2000	WIPO (PCT)			
		WO 00/52144	Sep 8, 2000	WIPO (PCT)			
54		WO 01/09183	Feb 8, 2001	WIPO (PCT)			
OTHER DOCUMENTS							
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54		Brown <i>et al</i> , "Changes in the use profile of Mectizan: 1987-1997," <i>Journals of Tropical Medicine & Parasitology</i> 92(1):S61-S64, 1998					
		Campbell <i>et al</i> , "Molecular cloning and characterization of canine metalloproteinase-9 gene promoter," <i>Gene</i> 273(1):81-87, 2001 ABSTRACT ONLY					
54		Carver <i>et al</i> , "Mutagenicity Testing in Mammalian Cells," <i>Mutation Research</i> 72:207-230, 1980					

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Lfo		Decleves <i>et al</i> , "A new polymorphism (N21D) in the exon 2 of the human MDR1 gene encoding the P-glycoprotein," <i>Human Mutation</i> 15(5):486, 2000	
		Fassler <i>et al</i> , "Evaluation of the safety of ivermectin administered in a beef-based formulation to ivermectin-sensitive Collies," <i>J Am Vet Med Assoc</i> 199(4):457-460, 1991 ABSTRACT ONLY	
		Hoerauf <i>et al</i> , "Tetracycline therapy targets intracellular bacteria in the filarial nematode <i>Litomosoides sigmodontis</i> and results in filarial infertility," <i>J Clin Invest</i> 103(1):11-17, 1999	
		Hoffmeyer <i>et al</i> , "Functional polymorphisms of the human multidrug-resistance gene: Multiple sequence variations and correlation of one allele with P-glycoprotein expression and activity <i>in vivo</i> ," <i>PNAS</i> 97(7):3473-3478, 2000	
		Kadoi, "Establishment of a canine monocyte cell line," <i>New Microbiol</i> 23(4):441-444, 2000 ABSTRACT ONLY	
		Kim <i>et al</i> , "The Drug Transporter P-glycoprotein Limits Oral Absorption and Brain Entry of HIV-1 Protease Inhibitors," <i>J Clin Invest</i> 101(2):289-294, 1998	
		Knutson <i>et al</i> , "Cytogenetic and molecular characterization of random chromosomal rearrangements activating the drug resistance gene, <i>MDR1/P-glycoprotein</i> , in drug-selected cell lines and patients with drug refractory ALL," <i>Genes, Chromosomes and Cancer</i> 23(1):44-54, 1998 ABSTRACT ONLY	
Lfo		Lankas <i>et al</i> , "P-Glycoprotein Deficiency in a Subpopulation of CF-1 Mice Enhances Avermectin-Induced Neurotoxicity," <i>Toxicology and Applied Pharmacology</i> 143:357-365, 1997	

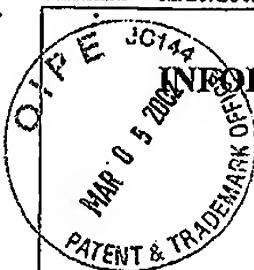
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460		Martinez <i>et al</i> , "Neuromuscular Effects of Doxacurium Chloride in Isoflurane-Anesthetized Dogs," <i>Veterinary Surgery</i> 27:279-283, 1998 ABSTRACT ONLY
		Mayer <i>et al</i> , "Full Blockade of Intestinal P-glycoprotein and Extensive Inhibition of Blood-brain Barrier P-glycoprotein by Oral Treatment of Mice with PSC833," <i>J Clin Invest</i> 100(10):2430-2436, 1997
		Paul <i>et al</i> , "Clinical observations in collies given ivermectin orally," <i>Am J Vet Res</i> 48(4):684-685, 1987 ABSTRACT ONLY
		Rohrer and Evans, "Binding characteristics of ivermectin in plasma from collie dogs," <i>Vet Res Commun</i> 14(2):157-165, 1990 ABSTRACT ONLY
		Schinkel <i>et al</i> , "Absence of the mdr1a P-Glycoprotein in mice affects tissue distribution and pharmacokinetics of dexamethasone, digoxin, and cyclosporine A," <i>J Clin Invest</i> 96(4):1698-1705, 1995 ABSTRACT ONLY
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		Smit <i>et al</i> , "Absence or pharmacological blocking of placental P-glycoprotein profoundly increases fetal drug exposure," <i>J Clin Invest</i> 104(10):1441-1447, 1999
		Smith <i>et al</i> , "P-Glycoprotein Efflux at the Blood-Brain Barrier Mediates Differences in Brain Disposition and Pharmacodynamics between Two Structurally Related Neurokinin-1 Receptor Antagonists," <i>JPET</i> 298(3):1252-1259, 2001
460		Suzuki and Sugiyama, "Role of metabolic enzymes and efflux transporters in the absorption of drugs from the small intestine," <i>Euro. J. Pharma. Sci.</i> 12:3-12, 2000




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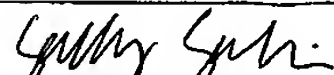
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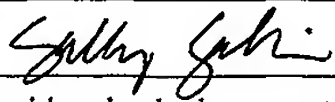
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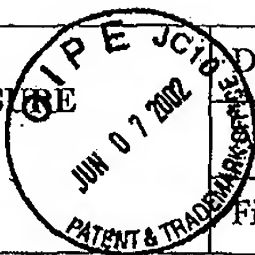
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		Tranquilli <i>et al</i> , "Ivermectin plasma concentrations in collies sensitive to ivermectin-induced toxicosis," <i>Am J Vet Res</i> 50(5):769-770, 1989 ABSTRACT ONLY	
		Umbenhauer <i>et al</i> , "Identification of a P-Glycoprotein-Deficient Subpopulation in the CF-1 Mouse Strain Using a Restriction Fragment Length Polymorphism," <i>Toxic. Appl. Pharma.</i> 146:88-94, 1997	
		Vaughn <i>et al</i> , "Determination of homovanillic acid, 5-hydroxyindoleacetic acid and pressure in the cerebrospinal fluid of collie dogs following administration of ivermectin," <i>Vet Res Commun</i> 13(1):47-55, 1989 ABSTRACT ONLY	
		http://www.dog-tracker.com/forums/vet/messages/10052.shtml , 7 pages, printed 11/18/2000	
		http://www.faqs.org/faqs/dogs-faq/breeds/collies , 2 pages, printed 11/18/2000	
		http://www.golden-retriever.com/heartworm.html , 4 pages, printed 11/18/2000	

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Docket: 4630-61733	App: 10/044,671
			Applicant: Mealey and Bentjen	
			Filed: January 10, 2002	Art Unit: 1645
OTHER DOCUMENTS				
			Roulet <i>et al.</i> , "MDR pharmacogenetics in dog. Molecular basis of antiparasitic drug sensitivity (Ivermectin) in collie dog." <i>ABC 2001 - 3rd FEBS Advanced Lecture Course</i> March 2001 (4 pages)	
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